

REMARKS

In response to the above-identified Office Action, Applicant seeks reconsideration thereof. In this response, Applicant does not amend any claims, cancel any claims or add any new claims. Accordingly, claims 1-9, 11-13 and 15 are pending.

I. Claims Rejected Under 35 U.S.C. §102(b)

The Examiner rejects Claims 1, 5, and 15 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,619,706 to Young (“Young”). Applicant respectfully traverses this rejection.

In order to anticipate a claim, the relied upon reference must disclose every limitation of the claim. Among other limitations, independent Claim 1 recites a method comprising sending interrupt controller initializing data to a first interrupt controller and re-routing the interrupt controller initializing data to a second interrupt controller.

In making the rejection, the Examiner relies on Young to show a method that teaches transferring initialization data in interrupts by interrupt controllers and re-routing these interrupts containing initialization data to another interrupt controller. The Examiner has not indicated and Applicant has been unable to discern any part of Young that teaches re-routing interrupt controller initializing data. Rather, Young discloses sending initializing data for peripheral devices (display devices, keyboard controller, cursor control devices and mass storage devices). Thus, Young fails to teach or suggest sending interrupt controller initializing data and re-routing the interrupt controller initializing data to another interrupt controller. Accordingly, Applicant respectfully requests withdrawal of the rejection of independent claim 1.

Applicant respectfully submits that independent claim 5, among other limitations, recites the limitations “sending interrupt controller initializing data to a first interrupt controller” and “re-routing the interrupt controller initializing data to a second interrupt controller” similar to independent claim 1. Applicant, therefore, incorporates by reference the analysis of Young above with respect to claim 1. Thus, Applicant respectfully submits that claim 5 is allowable at least for

the same reasons as claim 1. Accordingly, Applicant respectfully requests withdrawal of the rejection of claim 5.

Applicant respectfully submits that claim 15, among other limitations, recites the limitations “sending interrupt controller initializing data to a first interrupt controller” and “re-routing the interrupt controller initializing data to a second interrupt controller” similar to independent claims 1 and 5. Applicant, therefore, incorporates by reference the analysis of analysis of Young above with respect to claims 1 and 5. Thus, Applicant respectfully submits that claim 15 is allowable at least for the same reasons as claims 1 and 5. Accordingly, Applicant respectfully requests withdrawal of the rejection of claim 15.

II. Claims Rejected Under 35 U.S.C. §103(a)

The Examiner rejects claims 2-4, 6-9, and 11-14 under 35 U.S.C. 103(a) as being obvious over Young in view of U.S. Patent No. 5,987,538 to Tavallaei, et al (“Tavallaei”). Tavallaei is cited to show the use of programmable data entries made up of vectors and cited for the generation of interrupt messages such as a SMI. Applicant respectfully traverses this rejection.

In order to render a claim obvious, the relied upon references must teach or suggest every limitation of the claim such that the invention as a whole would have been obvious at the time the invention was made to one skilled in the art.

With respect to dependent claims 2-4 and 6-8, Applicant incorporates by reference the analysis of Young above with respect to independent claim 1. Combining the teachings of Tavallaei will not address the shortcomings of Young. Also, Applicant respectfully submits that Tavallaei does not teach or suggest sending interrupt controller initializing data and re-routing the interrupt controller initializing data to another interrupt controller. Thus, the combination of Young and Tavallaei, do not teach all of the limitations of claims 2-4 and 6-8. Accordingly, Applicant respectfully requests withdrawal of the rejection of claims 2-4 and 6-8.

Regarding independent claim 9, among other limitations, claim 9 recites instructions for sending interrupt controller initializing data to a first interrupt controller and instructions for re-

routing interrupt controller initializing data to a second interrupt controller. In making the rejection, the Examiner relies on Young to show a system that teaches instructions for transferring initialization data in interrupts by interrupt controllers and instructions for re-routing these interrupts containing initialization data to another interrupt controller. As stated above, the Examiner has not indicated and Applicant has been unable to discern any part of Young that teaches re-routing interrupt controller initializing data. Rather, Young discloses sending initializing data for peripheral devices (display devices, keyboard controller, cursor control devices and mass storage devices). Thus, Young fails to teach or suggest instructions for sending interrupt controller initializing data and instructions for re-routing the interrupt controller initializing data to another interrupt controller.

Applicant respectfully submits that Tavallaei does not teach or suggest sending interrupt controller initializing data and re-routing the interrupt controller initializing data to another interrupt controller. Thus, neither Young nor Tavallaei, alone or in combination, teach all of the limitations of claim 9. Accordingly, Applicant respectfully requests withdrawal of the rejection of independent claim 9.

Claims 11-14 depend from claim 9 and are allowable at least for the same reasons as independent claim 9. Accordingly, Applicant respectfully requests withdrawal of the rejection of claims 11-14.

CONCLUSION

In view of the foregoing, it is believed that all claims now pending (1) are in proper form, (2) are neither obvious nor anticipated by the relied upon art of record, and (3) are in condition for allowance. A Notice of Allowance is earnestly solicited at the earliest possible date. If the Examiner believes that a telephone conference would be useful in moving the application forward to allowance, the Examiner is encouraged to contact the undersigned at (310) 207-3800.

If necessary, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2666 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17, particularly, extension of time fees.

Respectfully submitted,

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CERTIFICATE OF MAILING:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 1, 2003.

Nadya Gordon 8/1/03
Nadya Gordon Date